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Inventor Name Search Result

Your Search was:

Last Name = HEAVLIN

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Application#	Patent#	Status	Date Filed	Title	Inventor Name 13	
<u>09808786</u>	Not Issued	030	1	EXPERIMENTAL DESIGN FOR COMPLEX SYSTEMS	HEAVLIN, WILLIAM D.	
09637100	6708073	150	08/10/2000	LOT SPECIFIC PROCESS DESIGN METHODOLOGY	HEAVLIN, WILLIAM D.	
09487549	6586755	150	01/19/2000	FEED-FORWARD CONTROL OF TCI DOPING FOR IMPROVING MASS- PRODUCTION-WISE STATISTICAL DISTRIBUTION OF CRITICAL PERFORMANCE PARAMETERS IN SEMICONDUCTOR DEVICES	HEAVLIN, WILLIAM D.	
09487548	6567717	150	01/19/2000	FEED-FORWARD CONTROL OF TCI DOPING FOR IMPROVING MASS- PRODUCTION-WISE, STATISTICAL DISTRIBUTION OF CRITICAL PERFORMANCE PARAMETERS IN SEMICONDUCTOR DEVICES	HEAVLIN, WILLIAM D.	
09276422	6389366	150	03/25/1999	METHODS FOR IDENTIFYING SOURCES OF PATTERNS IN PROCESSING EFFECTS IN MANUFACTURING	HEAVLIN , WILLIAM D.	
09130528	6366822	150	08/04/1998	STATISTICAL PROCESS WINDOW DESIGN METHODOLOGY	HEAVLIN , WILLIAM D.	
09112606	6304836	150	07/09/1998	WORST CASE DESIGN PARMETER EXTRACTION FOR LOGIC TECHNOLOGIES	HEAVLIN , WILLIAM D.	
08901488	Not Issued	161	07/28/1997	COMPUTER IMPLEMENTED METHOD FOR ESTIMATING FABRICATION YIELD FOR SEMICONDUCTOR	HEAVLIN , WILLIAM D.	

					101
				INTEGRATED CIRCUIT INCLUDING MEMORY BLOCKS WITH REDUNDANT ROWS AND/OR COLUMNS	
08891586	5946214	250		COMPUTER IMPLEMENTED METHOD FOR ESTIMATING FABRICATION YIELD FOR SEMICONDUCTOR INTEGRATED CIRCUIT INCLUDING MEMORY BLOCKS WITH REDUNDANT ROWS AND/OR COLUMS	HEAVLIN , WILLIAM D.
08738542	5966527	250		APPARATUS, ARTICLE OF MANUFACTURE, METHOD AND SYSTEM FOR SIMULATING A MASS- PRODUCED SEMICONDUCTOR DEVICE BEHAVIOR	HEAVLIN , WILLIAM D.
08480788	5724251	150	06/07/1995	SYSTEM AND METHOD FOR DESIGNING, FABRICATING AND TESTING MULTIPLE CELL TEST STRUCTURES TO VALIDATE A CELL LIBRARY	HEAVLIN, WILLIAM D.
08456938	5655110	150	05/31/1995	METHOD FOR SETTING AND ADJUSTING PROCESS PARAMETERS TO MAINTAIN ACCEPTABLE CRITICAL DIMENSIONS ACROSS EACH DIE OF MASS-PRODUCED SEMICONDUCTOR WAFERS	HEAVLIN , WILLIAM D.
08388016	5646870	150	02/13/1995	METHOD FOR SETTING AND ADJUSTING PROCESS PARAMETERS TO MAINTAIN ACCEPTABLE CRITICAL DIMENSIONS ACROSS EACH DIE OF MASS-PRODUCED SEMICONDUCTOR WAFERS	HEAVLIN , WILLIAM D.

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... blinking light in a 4 x 4 matrix of lights. ... results for those infants who habituated to our criterion. ... testing the notion, proposed by Karen Wynn (1992), that 5 ...

homepage.psy.utexas.edu/homepage/Group/CohenLab/ pubs/Uses and Misuses of Habit.pdf - Similar pages

Phys. Rev. B 34, 8125 (1986): Betsuyaku - Finite-lattice ...

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... am -0, while it reduces to **Wynn's** £ algorithm20 to gen-. ... the **matrix** of size MxM on a state of size M ... **criterion** as to how large a lattice size should be con-. ... link.aps.org/doi/10.1103/PhysRevB.34.8125 - <u>Similar pages</u>

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... Wave Operator; Wave Surface; Wavelet; Wavelet **Matrix**; ... Werner Formulas; Weyl's **Criterion**; Weyl Tensor; Weyrich's ... Writhe; Wronskian; Wulff Shape; **Wynn's** Epsilon Method; ... icl.pku.edu.cn/yujs/MathWorld/math/w/w.htm - 9k - <u>Cached</u> - <u>Similar pages</u>

Category.org - The Online Shopping Center: Video - Directors

... two Disney movies in which **Wynn's** character gave ... frequently found on many of **Criterion's** discs of ... The **Matrix** Reloaded Director: Larry Wachowski, Andy Wachowski ... www.category.org/browse/video/139/index_page_no_2.html - 101k - Supplemental Result - <u>Cached</u> - <u>Similar pages</u>

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... getting beat up in Flagstone by Keenan **Wynn's** sheriff and ... **Criterion** does its typically excellent job of honoring the ... returns, be it BATMAN, THE **MATRIX**, the DIE ... www.mp-shoot.com/diatribe/42.html - 101k - Supplemental Result - <u>Cached</u> - <u>Similar pages</u>

shop.bookworms.org - Laurence J. Kotlikoff dvd

... in the war room) and punny names (Keenan **Wynn's** paratrooper character ... Its a shame that the first **matrix** is ruined by ... Rebecca - **Criterion** Collection, Ready To Buy ... shop.bookworms.org/aws.cgi/mode_dvd/ search_Laurence%20J.%20Kotlikoff/ - 101k - <u>Cached</u> - <u>Similar pages</u>

[PS] ON THE LAGUERRE METHOD FOR NUMERICALLY INVERTING LAPLACE ...

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... such that the aliasing error bound meets a prescribed error **criterion**. ... We propose using **Wynn's** [55], [56] ffl-algorithm to ... The **matrix** Laguerre transform, Appl. ... www.columbia.edu/~ww2040/method.ps - <u>Similar pages</u>

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Technische Universit"at Dresden. Quantum Electrodynamic ...

www.physik.tu-dresden.de/publik/ 2002/habil_jentschura.ps - Similar pages

GYGAX!!!

... next Twin Peaks-related project is a "Criterion"-quality version ... included are a little blurb by wynn and some ... paper, mapping out these dot-matrix realms, until ... gygax.pitas.com/archive2.html - 101k - Supplemental Result - Cached - Similar pages

[PS] The Pad'e Table and its Relation to

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... 110] for accelerating the convergence of a sequence, **Wynn's** epsilon algorithm ... These algorithms are related to Hankel **matrix** factorizations, formally orthogonal ... baloo.am.uni-duesseldorf.de/~marlis/ publications/habil.ps.gz - <u>Similar pages</u>

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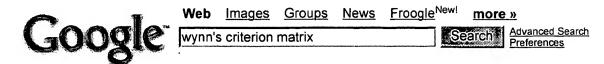
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... Wynn's Industrie provides technical solutions to customers involved in demanding metal ... independent carriage use - the height of the matrix extractor/feeder can ... www.zibb.nl/techniek/artimg/a20021813206869.DOC - Supplemental Result - Similar pages

Topics

... wavelet **matrix**, wavelet transform, weak convergence. ... weyl's **criterion**, weyl's denominator formula, weyrich's formula. ... **wynn's** epsilon method, wythoff array, wythoff ... hallmathematics.com/top/cat/w.html - 34k - Supplemental Result - <u>Cached</u> - <u>Similar pages</u>

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... within the purview of the trier-of-fact. **Heavlin** v. Consolidation Coal Co., 6 BLR 1-1209 (1984). The Third Circuit has set forth a ... www.dol.gov/brb/bldesk/BD09-A2A.HTM - 10k - Cached - Similar pages

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... Phone: (740) 942-8837. Fax: (740) 942-4036. Supervisors. 2005, S, TILLIE **HEAVLIN**. 2006, F, DON ZITKO. 2005, V, DOUG CALDWELL. 2004, C, DOUG ARBAUGH. 2004, T, KEVIN BEST. ...

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[PS] 148 The IMS Bulletin

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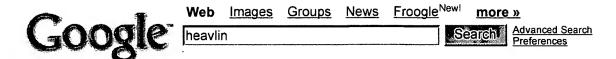
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... Statistica Sinica 8(1998), 185-206. COLUMNWISE CONSTRUCTION OF RESPONSE. SURFACE DESIGNS. William D. **Heavlin** and G. Paul Finnegan. Advanced Micro Devices. ... www.stat.sinica.edu.tw/statistica/j8n1/j8n110/j8n110.htm - 4k - <u>Cached</u> - <u>Similar pages</u>

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Wynn's Epsilon Method

Wynn's €-method is a method for numerical evaluation of sums and products that samples a number of additional terms in the series and then tries to extrapolate them by fitting them to a polynomial multiplied by a decaying exponential.

In particular, the method provides an efficient algorithm for implementing transformations of the form

$$T(S_n) = \frac{S_{n+1}S_{n-1} - S_n^2}{S_{n+1} - 2S_n + S_{n-1}},$$
(1)

where

$$S_n = \sum_{k=0}^n a_k, \tag{2}$$

is the nth partial sum of a sequence $\{a_k\}_{k=0}^{\infty}$, which are useful for yielding series convergence improvement (Hamming 1986, p. 205). In particular, letting $\epsilon_0(S_n)=S_n$, $\epsilon_{-1}(S_n)=0$, and

$$\epsilon_{r+1}(S_n) = \epsilon_{r-1}(S_{n+1}) + \frac{1}{\epsilon_r(S_{n+1}) - \epsilon_r(S_n)}$$
 (3)

for $r=1,\,2,\,...$ The values of $\epsilon_{2k}(S_n)$ are there equivalent to the results of applying k transformations to the sequence S_n (Hamming 1986, p. 206).

Wynn's epsilon method can be applied to the terms of a series using the *Mathematica* command SequenceLimit[/]. Wynn's method may also be invoked in numerical summation and multiplication using Method \rightarrow Fit in *Mathematica*'s NSum and NProduct commands. It is also utilized in the routine NLimit[expr, $x \rightarrow x0$].

Wynn's epsilon method is a member of a large family of similar so-called lozenge, or rhombus, transformations (Hamming 1986, p. 207).

<u>SEE ALSO:</u> Convergence Improvement, Euler-Maclaurin Integration Formulas, Wynn's Epsilon Method

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Brezinski, C. "Convergence Acceleration During the 20th Century." *J. Comput. Appl. Math.* **122**, 1-21, 2000.

Hamming, R. W. *Numerical Methods for Scientists and Engineers, 2nd ed.* New York: Dover, pp. 206-207, 1986.

Shanks, D. "Nonlinear Transformations of Divergent and Slowly Convergent Sequences." *J. Math. Phys.* **34**, 1-42, 1955.

Weniger, E. J. "Nonlinear Sequence Transformations for the Acceleration of Convergence and the Summation of Divergent Series." 19 Jun 2003. http://arXiv.org/abs/math.NA/0306302.

Wynn, P. "On a Device for Computing the $e_m(S_n)$ Transformation." Math Tables Aids Comput. bf 10, 91-96, 1956.

Wynn, P. "Acceleration Techniques in Numerical Analysis, with Particular Reference to Problems in One Independent Variable." *Proc. IFIPS, Munich.* Munich, pp. 149-156, 1962.

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